

CRF Processing Date: \_\_\_\_\_

Edited by: \_\_\_\_\_

Verified by: \_\_\_\_\_

(STIC sta

06/21

Serial Number: 09/811,384**ENTERED**

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: \_\_\_\_\_
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: \_\_\_\_\_
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: \_\_\_\_\_
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: \_\_\_\_\_
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: \_\_\_\_\_
- ☒ Deleted extra, invalid, headings used by an applicant, specifically: \_\_\_\_\_
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☐ Corrected an obvious error in the response, specifically: \_\_\_\_\_
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: \_\_\_\_\_
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

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**RAW SEQUENCE LISTING**

PATENT APPLICATION: US/09/811,384

DATE: 07/17/2001

TIME: 09:51:19

Input Set : A:\Cpg.pto

Output Set: N:\CRF3\07172001\I811384.raw

**SEQUENCE LISTING**

## 5 (1) GENERAL INFORMATION:

7 (i) APPLICANT: Bednar, Martin M.  
 8 Thomas, G. Roger  
 9 Gross, Cordell E.

11 (ii) TITLE OF INVENTION: ANTI-CD18 ANTIBODIES IN STROKE

13 (iii) NUMBER OF SEQUENCES: 15

15 (iv) CORRESPONDENCE ADDRESS:

16 (A) ADDRESSEE: Genentech, Inc.  
 17 (B) STREET: 1 DNA Way  
 18 (C) CITY: South San Francisco  
 19 (D) STATE: California  
 20 (E) COUNTRY: USA  
 21 (F) ZIP: 94080

23 (v) COMPUTER READABLE FORM:

24 (A) MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
 25 (B) COMPUTER: IBM PC compatible  
 26 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
 27 (D) SOFTWARE: WinPatin (Genentech)

29 (vi) CURRENT APPLICATION DATA:

C--&gt; 30 (A) APPLICATION NUMBER: US/09/811,384

C--&gt; 31 (B) FILING DATE: 20-Dec-2000

32 (C) CLASSIFICATION:

42 (vii) PRIOR APPLICATION DATA:

35 (A) APPLICATION NUMBER: 09/251652  
 36 (B) FILING DATE: 17-FEB-2000  
 39 (A) APPLICATION NUMBER: 08/788800  
 40 (B) FILING DATE: 22-JAN-1997  
 43 (A) APPLICATION NUMBER: 60/093038  
 44 (B) FILING DATE: 23-JAN-1996

46 (viii) ATTORNEY/AGENT INFORMATION:

47 (A) NAME: Love, Richard B.  
 48 (B) REGISTRATION NUMBER: 34,659  
 49 (C) REFERENCE/DOCKET NUMBER: P1729C1

51 (ix) TELECOMMUNICATION INFORMATION:

52 (A) TELEPHONE: 650/225-5530  
 53 (B) TELEFAX: 650/952-9881

54 (2) INFORMATION FOR SEQ ID NO: 1:

56 (i) SEQUENCE CHARACTERISTICS:

57 (A) LENGTH: 98 amino acids  
 58 (B) TYPE: Amino Acid  
 59 (D) TOPOLOGY: Linear

61 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

63 Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser  
 64 1 5 10 15  
 66 Lys Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys  
 67 20 25 30

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69  Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala
70                      35                      40                      45
72  Leu Thr Ser Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser
73                      50                      55                      60
75  Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser
76                      65                      70                      75
78  Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn His Lys Pro Ser
79                      80                      85                      90
81  Asn Thr Lys Val Asp Lys Arg Val
82                      95
84  (2) INFORMATION FOR SEQ ID NO: 2:
86      (i) SEQUENCE CHARACTERISTICS:
87          (A) LENGTH: 98 amino acids
88          (B) TYPE: Amino Acid
89          (D) TOPOLOGY: Linear
91      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
93  Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Cys Ser
94      1          5          10          15
96  Arg Ser Thr Ser Glu Ser Thr Ala Ala Leu Gly Cys Leu Val Lys
97          20          25          30
99  Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala
100          35          40          45
102  Leu Thr Ser Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser
103          50          55          60
105  Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro Ser Ser Asn
106          65          70          75
108  Phe Gly Thr Gln Thr Tyr Thr Cys Asn Val Asp His Lys Pro Ser
109          80          85          90
111  Asn Thr Lys Val Asp Lys Thr Val
112          95
114  (2) INFORMATION FOR SEQ ID NO: 3:
116      (i) SEQUENCE CHARACTERISTICS:
117          (A) LENGTH: 98 amino acids
118          (B) TYPE: Amino Acid
119          (D) TOPOLOGY: Linear
121      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
123  Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Cys Ser
124      1          5          10          15
126  Arg Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys
127          20          25          30
129  Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala
130          35          40          45
132  Leu Thr Ser Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser
133          50          55          60
135  Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser
136          65          70          75
138  Leu Gly Thr Gln Thr Tyr Thr Cys Asn Val Asn His Lys Pro Ser
139          80          85          90
141  Asn Thr Lys Val Asp Lys Arg Val

```

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142                95
144 (2) INFORMATION FOR SEQ ID NO: 4:
146   (i) SEQUENCE CHARACTERISTICS:
147       (A) LENGTH: 98 amino acids
148       (B) TYPE: Amino Acid
149       (D) TOPOLOGY: Linear
151   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
153   Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Cys Ser
154     1          5          10          15
156   Arg Ser Thr Ser Glu Ser Thr Ala Ala Leu Gly Cys Leu Val Lys
157           20          25          30
159   Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala
160           35          40          45
162   Leu Thr Ser Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser
163           50          55          60
165   Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser
166           65          70          75
168   Leu Gly Thr Lys Thr Tyr Thr Cys Asn Val Asp His Lys Pro Ser
169           80          85          90
171   Asn Thr Lys Val Asp Lys Arg Val
172           95
174 (2) INFORMATION FOR SEQ ID NO: 5:
176   (i) SEQUENCE CHARACTERISTICS:
177       (A) LENGTH: 107 amino acids
178       (B) TYPE: Amino Acid
179       (D) TOPOLOGY: Linear
181   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
183   Arg Thr Val Ala Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp
184     1          5          10          15
186   Glu Gln Leu Lys Ser Gly Thr Ala Ser Val Val Cys Leu Leu Asn
187           20          25          30
189   Asn Phe Tyr Pro Arg Glu Ala Lys Val Gln Trp Lys Val Asp Asn
190           35          40          45
192   Ala Leu Gln Ser Gly Asn Ser Gln Glu Ser Val Thr Glu Gln Asp
193           50          55          60
195   Ser Lys Asp Ser Thr Tyr Ser Leu Ser Ser Thr Leu Thr Leu Ser
196           65          70          75
198   Lys Ala Asp Tyr Glu Lys His Lys Val Tyr Ala Cys Glu Val Thr
199           80          85          90
201   His Gln Gly Leu Ser Ser Pro Val Thr Lys Ser Phe Asn Arg Gly
202           95          100         105
204   Glu Cys
207 (2) INFORMATION FOR SEQ ID NO: 6:
209   (i) SEQUENCE CHARACTERISTICS:
210       (A) LENGTH: 105 amino acids
211       (B) TYPE: Amino Acid
212       (D) TOPOLOGY: Linear
214   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
216   Gln Pro Lys Ala Ala Pro Ser Val Thr Leu Phe Pro Pro Ser Ser

```

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Output Set: N:\CRF3\07172001\I811384.raw

```

217      1          5          10          15
219  Glu Glu Leu Gln Ala Asn Lys Ala Thr Leu Val Cys Leu Ile Ser
220                20          25          30
222  Asp Phe Tyr Pro Gly Ala Val Thr Val Ala Trp Lys Ala Asp Ser
223                35          40          45
225  Ser Pro Val Lys Ala Gly Val Glu Thr Thr Thr Pro Ser Lys Gln
226                50          55          60
228  Ser Asn Asn Lys Tyr Ala Ala Ser Ser Tyr Leu Ser Leu Thr Pro
229                65          70          75
231  Glu Gln Trp Lys Ser His Arg Ser Tyr Ser Cys Gln Val Thr His
232                80          85          90
234  Glu Gly Ser Thr Val Glu Lys Thr Val Ala Pro Thr Glu Cys Ser
235                95          100         105

```

## 237 (2) INFORMATION FOR SEQ ID NO: 7:

## 239 (i) SEQUENCE CHARACTERISTICS:

240 (A) LENGTH: 100 amino acids

241 (B) TYPE: Amino Acid

242 (D) TOPOLOGY: Linear

## 244 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

```

246  Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Pro
247      1          5          10          15
249  Lys Asn Ser Ser Met Ile Ser Asn Thr Pro Ala Leu Gly Cys Leu
250                20          25          30
252  Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser
253                35          40          45
255  Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro Ala Val Leu Gln
256                50          55          60
258  Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro His
259                65          70          75
261  Gln Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn His Lys
262                80          85          90
264  Pro Ser Asn Thr Lys Val Asp Lys Arg Val
265                95          100

```

## 267 (2) INFORMATION FOR SEQ ID NO: 8:

## 269 (i) SEQUENCE CHARACTERISTICS:

270 (A) LENGTH: 11 amino acids

271 (B) TYPE: Amino Acid

272 (D) TOPOLOGY: Linear

## 274 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

```

276  Pro Lys Asn Ser Ser Met Ile Ser Asn Thr Pro
277      1          5          10

```

## 279 (2) INFORMATION FOR SEQ ID NO: 9:

## 281 (i) SEQUENCE CHARACTERISTICS:

282 (A) LENGTH: 8 amino acids

283 (B) TYPE: Amino Acid

284 (D) TOPOLOGY: Linear

## 286 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

```

288  His Gln Asn Leu Ser Asp Gly Lys
289      1          5

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/811,384

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Input Set : A:\Cpg.pto

Output Set: N:\CRF3\07172001\I811384.raw

291 (2) INFORMATION FOR SEQ ID NO: 10:

293 (i) SEQUENCE CHARACTERISTICS:

294 (A) LENGTH: 232 amino acids

295 (B) TYPE: Amino Acid

296 (D) TOPOLOGY: Linear

298 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:

```

300 Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly
301      1              5              10              15
303 Gly Ser Leu Arg Leu Ser Cys Ala Thr Ser Gly Tyr Thr Phe Thr
304              20              25              30
306 Glu Tyr Thr Met His Trp Met Arg Gln Ala Pro Gly Lys Gly Leu
307              35              40              45
309 Glu Trp Val Ala Gly Ile Asn Pro Lys Asn Gly Gly Thr Ser His
310              50              55              60
312 Asn Gln Arg Phe Met Asp Arg Phe Thr Ile Ser Val Asp Lys Ser
313              65              70              75
315 Thr Ser Thr Ala Tyr Met Gln Met Asn Ser Leu Arg Ala Glu Asp
316              80              85              90
318 Thr Ala Val Tyr Tyr Cys Ala Arg Trp Arg Gly Leu Asn Tyr Gly
319              95              100             105
321 Phe Asp Val Arg Tyr Phe Asp Val Trp Gly Gln Gly Thr Leu Val
322              110             115             120
324 Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu
325              125             130             135
327 Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly
328              140             145             150
330 Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp
331              155             160             165
333 Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro Ala Val
334              170             175             180
336 Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val
337              185             190             195
339 Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn
340              200             205             210
342 His Lys Pro Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro Lys
343              215             220             225
345 Ser Cys Asp Lys Thr His Thr
346              230

```

348 (2) INFORMATION FOR SEQ ID NO: 11:

350 (i) SEQUENCE CHARACTERISTICS:

351 (A) LENGTH: 214 amino acids

352 (B) TYPE: Amino Acid

353 (D) TOPOLOGY: Linear

355 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:

```

357 Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val
358      1              5              10              15
360 Gly Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Asp Ile Asn
361              20              25              30
363 Asn Tyr Leu Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys

```

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/811,384

DATE: 07/17/2001

TIME: 09:51:20

Input Set : A:\Cpg.pto

Output Set: N:\CRF3\07172001\I811384.raw

L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]